

## Announcements

### The American Association for Thoracic Surgery

#### Eighty-fourth Annual Meeting

April 25-28, 2004

Metro Toronto Centre, Toronto, Ontario, Canada

#### *Registration*

Both members and nonmembers are urged to preregister as soon as possible using the preregistration form, which can be obtained by visiting the Association Web site at: [www.aats.org](http://www.aats.org); writing the Association at: AATS, 900 Cummings Center, Suite 221-U, Beverly, MA 01915; telephone: 978-927-8330, or fax: 978-524-8890. The meeting of the Association is open to all physicians. Guest presenting authors, House Officers, and Fellows will be admitted without payment of a registration fee. House Officers, Fellows, and Residents must provide a letter from their chief of service at the time of registration. Nonmember physicians are required to pay a registration fee of \$250, and allied health professionals, physician assistants, and perfusionists are required to pay a registration fee of \$150.

A late fee of \$50.00 will be applied to all nonmember registrations received after March 26, 2004, and to those registering onsite.

#### *Program\**

##### *Memoranda for Guidance of Speakers and Discussants*

1. In accordance with the By-Laws of the Association, the papers which are read at the meeting shall be given to the Session Moderator immediately after presentation. The paper submitted for consideration for publication in *The Journal of Thoracic and Cardiovascular Surgery* must be a close relationship in length to the paper presented at the meeting.

2. In publication it is customary to group discussion together on a series of papers. Transcription of the discussion will be forwarded to discussants for review and correction. Any delay in the return of corrected discussions means that publication of all papers on the subject will be held up. Such a delay is manifestly unfair to those who are

conscientious in the prompt submission of their remarks for publication. Unreasonable delay will preclude publication.

3. Scientific session presenting authors will be limited to 8 minutes and total discussion will be limited to 12 minutes with each discussant being limited to 2 minutes. Forum speakers will be limited to 5 minutes and total discussion limited to 7 minutes, allowing each discussant no more than 2 minutes.

4. AATS requires PowerPoint slides as the only format accepted for presentations which must be sent according to instructions received by authors. AATS will not be able to accommodate laptop computers at the time of presentation. Presenters will be able to preview their slides in the Speaker Ready Area of the Metro Toronto Convention Centre prior to their presentation.

5. *Discussion of Papers.* Members, nonmember physicians, and invited speakers have the privilege of discussing papers. All Discussants should register with the Moderator of the Session prior to the opening of the session during which the paper is to be presented. All discussion will be presented from floor microphones and may not be accompanied by slides. Authors will respond to each discussant in sequence.

##### *Of Special Interest to Residents*

1. *Cardiothoracic Residents' Luncheon.* The Twenty-seventh Annual Cardiothoracic Residents' Luncheon will be conducted on Tuesday, April 27, 2004, at 12:30 PM at the Metro Toronto Convention Centre. Physicians in cardiothoracic residency programs interested in attending this luncheon are advised to preregister by checking the appropriate box on the Annual Meeting preregistration form.

2. The Association would like to extend an invitation to residents to attend one of the three postgraduate symposia on Sunday as guests of the Association. Preregistration is required, and Residents should check the appropriate box on the preregistration form to participate in one of the symposia on Congenital Heart Disease, Adult Cardiac Surgery, or General Thoracic Surgery.

\*In this program an asterisk after a name means "by invitation."

**SATURDAY, APRIL 24, 2004****GRANTSMANSHIP—A WORKSHOP**

North Building, Room 206C, Metro Toronto Convention Centre

Chairman: Pedro J. del Nido, Boston Children's Hospital and Harvard Medical School

12:00-1:00 PM Topics and Faculty TBA

**DEVELOPING THE ACADEMIC SURGEON—A SYMPOSIUM**

North Building, Suite 205, Metro Toronto Convention Centre

Co-Chairmen: Larry R. Kaiser, Hospital University of Pennsylvania

Robert C. Robbins, Stanford University School of Medicine

1:00 PM **Grantsmanship: Keys to a Successful**

Submission

Pedro J. del Nido

Boston Children's Hospital and Harvard Medical School

1:30 PM **From Division Chief to Physician Executive: How and Why?**

Victor F. Trastek, Mayo Clinic Scottsdale

2:00 PM **Evolving Trends in Surgical Education**

Michael Cusimano, St Michael's Hospital

2:30 PM **Clinical Trials (and Tribulations)**

Eric A. Rose, College of Physicians and Surgeons, Columbia University

3:00 PM **BREAK**3:20 PM **Academic Practice Versus Private Practice: Is There a Difference?**

Richard D. Prager, University of Michigan

3:50 PM **KEYNOTE SPEAKER****Managing Sleep Need, Circadian Phase, and Human Performance: Professionalism in a 24-7 Environment**

David Dinges, PhD

4:30 PM **The Malpractice Mess: How to Avoid Getting Sued**

Plaintiff Attorney: Mark A. Hoffman, JD, Kline and Specter, PC

Defense Attorney: James A. Young, Esq., Christie, Pabarue, Mortensen and Young, Attorneys-At-Law

5:00 PM **ADJOURN****SATURDAY, APRIL 24, 2004**5:00-7:00 PM **General Thoracic Biology Club**

North Building, Room 201A, Metro Toronto Convention Centre

5:00-7:00 PM **Cardiac Surgery Biology Club**

North Building, Room 201E, Metro Toronto Convention Centre

**SUNDAY, APRIL 25, 2004****AATS/STS Adult Cardiac Symposium**

North Building, Hall C, Metro Toronto Convention Centre

Chairman: Ralph J. Damiano, Jr, Washington University School of Medicine, Barnes-Jewish Hospital

**SESSION I: RECENT ADVANCES IN CARDIAC SURGICAL INTENSIVE CARE**

- 8:00 AM **Neurocognitive Deficits After Cardiac Surgery: Fact or Fiction**  
David Stump, Wake Forest University School of Medicine
- 8:20 AM **New Approaches to the Treatment of Right Heart Failure in the ICU**  
Laureen Hill, Washington University School of Medicine, Barnes-Jewish Hospital
- 8:40 AM **Recent Advances in the Treatment of Postoperative Sepsis**  
Eric Jacobsohn, Washington University School of Medicine, Barnes-Jewish Hospital
- 9:00 AM **Heparin-Induced Thrombocytopenia and Thrombosis: Pathophysiology, Diagnosis, and Treatment**  
Ted Warkentin, McMaster University
- 9:25 AM **Panel Discussion**  
Moderator: Eric Jacobsohn, Washington University School of Medicine, Barnes-Jewish Hospital
- 9:45 AM BREAK
- SESSION II: NEW DEVELOPMENTS IN THE TREATMENT OF VALVULAR HEART DISEASE
- 10:00 AM **The Three-Dimensional Geometry of the Mitral Valve: Implications for Surgical Therapy**  
D. Craig Miller, Stanford School of Medicine
- 10:20 AM **Complex Mitral Valve Repair: Surgical Techniques and Long-Term Results in the Repair of Rheumatic Valves**  
Alain Carpentier, Universite de Paris Pierre et Marie Curie
- 10:50 AM **Complex Mitral Valve Repair: Surgical Techniques and Long-Term Results in the Repair of Barlow's Syndrome (Bileaflet Prolapse)**  
Delos M. Cosgrove III, Cleveland Clinic Foundation
- 11:20 AM **Minimally Invasive Mitral Valve Repair: The Leipzig Experience**  
F. W. Mohr, Klinik für Herchirurgie, Universität Leipzig
- 11:40 AM **Panel Discussion**  
Moderator: Delos M. Cosgrove III, Cleveland Clinic Foundation
- 12:00 NOON LUNCH
- SESSION III: Current Surgical Strategies for Coronary Artery Bypass Grafting: Maintaining Surgery as a Competitive Option in the Treatment of Coronary Artery Disease
- 12:45 PM **All-Arterial Grafting: Should Saphenous Vein Grafts Ever Be Used?**  
Hendrick Barner, Washington University School of Medicine
- 1:05 PM **The Use of Proximal and Distal Connectors in Coronary Surgery: Clinical Results and Future Applications**  
Thierry Carrel, Inselspital Universitätsspital Bern
- 1:25 PM **Off-Pump Coronary Bypass Grafting: Midterm Results**  
John D. Puskas, Emory Crawford Long Hospital
- 1:45 PM **Nonsternotomy Approaches to Coronary Bypass Grafting**  
Valavanur Subramanian, Lenox Hill Hospital
- 2:05 PM **Panel Discussion**  
Moderator: Ralph J. Damiano, Jr, Washington University School of Medicine, Barnes-Jewish Hospital
- 2:30 PM Break
- SESSION IV: State-of-the-Art Surgical Treatments for Congestive Heart Failure: Heart Transplantation and Its Alternatives

- 2:45 PM **Heart Transplantation: Current State-of-the-Art and Future Directions**  
Bruce A. Reitz, Stanford University School of Medicine
- 3:05 PM **The Role of Valve Repair in the Treatment of End-Stage Dilated Cardiomyopathy**  
Steven F. Bolling, University of Michigan Hospitals and Health Centers
- 3:25 PM **Ventricular Remodeling: What Is its Role in Patients With Ischemic Cardiomyopathy?**  
Irving L. Kron, University of Virginia Health System
- 3:45 PM **Ventricular Assist Devices as Destination Therapy: Where Are We Going and Can We Afford It?**  
Eric A. Rose, Columbia University College of Physicians & Surgeons
- 4:05 PM **Pharmacological and Molecular Remodeling of the Failing Heart**  
Sir Magdi Yacoub, Harefield Research Foundation
- 4:45 PM **Panel Discussion**  
Moderator: Eric A. Rose, Columbia University College of Physicians & Surgeons
- 5:00 PM **ADJOURN TO WELCOME RECEPTION**  
Exhibit Hall

## **SUNDAY, April 25, 2004**

### **AATS/STS General Thoracic Symposium**

North Building, Constitution Hall—Room 105, Metro Toronto Convention Centre

Chairman: Mark J. Krasna, MD, University of Maryland Medical School

- 7:50 AM **Welcome Remarks**  
Mark J. Krasna, University of Maryland Medical School
- SESSION I: Lung Cancer  
Moderator: David J. Sugarbaker, Brigham and Women's Hospital
- 8:00 AM **Staging of Lung Cancer**  
Brian F. Meyers, Washington University School of Medicine, Barnes Jewish Hospital
- 8:20 AM **How I Do it: VATS Lobectomy**  
Thomas A. D'Amico, Duke University Medical Center
- 8:35 AM **Trimodality for NSCLC**  
Benedict D. T. Daly, Boston Medical Center
- 8:55 AM **Sleeve Lobectomy**  
Erino A. Rendina, University of Rome La Sapienza
- 9:10 AM **Chemoradiation Therapy Followed by Surgery for Pancoast Tumors**  
Mark J. Krasna, University of Maryland Medical School
- 9:30 AM **How I Do It: Anterior Approach to Pancoast Tumors**  
Phillippe G. Darteville, Marie Lannelongue Hospital
- 9:50 AM **Discussion**
- 10:10 AM **Break**
- SESSION II: General Thoracic Surgery Update I  
Moderator: Thomas W. Rice, Cleveland Clinic Foundation
- 10:30 AM **LVRS for Emphysema**  
Robert J. McKenna, Jr, Cedars Sinai Medical Center

- 10:50 AM      **How I Do It: Extrapleural Pneumonectomy for Mesothelioma**  
David J. Sugarbaker, Brigham & Women's Hospital
- 11:05 AM      **Combined Modality Therapy for Thymoma**  
Garrett L. Walsh, MD Anderson Cancer Center
- 11:25 AM      **How I Do It: Minimally Invasive Thymectomy**  
Larry R. Kaiser, Hospital of University of Pennsylvania
- 11:40 AM      **Molecular Biologic Staging: Where do we Stand Today?**  
King F. Kwong, Jackson Memorial Hospital
- 12:00 NOON      **Discussion**
- 12:15 PM      LUNCH
- SESSION III: Esophageal Cancer  
Moderator—Mark Krasna, University of Maryland Medical School
- 1:15 PM      **Staging in Esophageal Cancer**  
Bruce D. Greenwald, University of Maryland Medical School and Greensboro Career Center
- 1:35 PM      **How I Do It: Minimally Invasive Esophagectomy for Early Stage Esophageal Cancer**  
Neil A. Christie, University of Pittsburgh Medical Center
- 1:50 PM      **Management of Barrett's Esophagus**  
Thomas W. Rice, Cleveland Clinic Foundation
- 2:10 PM      **Trimodality for Esophageal Cancer**  
Mohan Suntharalingham, University of Maryland
- 2:30 PM      **How I Do It: Three-Field Esophagectomy**  
Nasser K. Altorki, The New York Hospital, Cornell Medical Center
- 2:45 PM      **Discussion**
- 3:00 PM      BREAK
- SESSION IV: General Thoracic Update II
- 3:10 PM      **Resection of Chest Wall Tumors**  
Peter C. Pairolero, Mayo Clinic
- 3:30 PM      **How I Do It: Laparoscopic Myotomy With Partial Fundoplication**  
Claude Deschamps, Mayo Clinic
- 3:50 PM      **Management of Esophageal Perforations**  
Kamal A. Mansour, Emory University Clinic
- 4:10 PM      **Management of Postresection Pleural Empyema**  
Joseph I. Miller, Jr, Emory University Clinic
- 4:30 PM      **Accelerated Treatment of Postpneumonectomy Empyema**  
Walter Weder, University Hospital
- 4:45 PM      **Lung Transplantation—State of the Art**  
Alec Patterson, Washington University School of Medicine
- 5:00 PM      **Discussion**
- 5:15 PM      ADJOURN TO WELCOME RECEPTION  
Exhibit Hall

**SUNDAY, April 25, 2004****AATS/STS Congenital Heart Symposium**

North Building, Constitution Hall—Room 107, Metro Toronto Convention Centre

Chairman: James S. Tweddell, Children's Hospital of Wisconsin

8:00 AM

**Introduction and Welcome**

James S. Tweddell

SESSION I: Strategies to Improve Survival of Patients with HLHS After Stage 1 Palliation

Moderator: Ross M. Ungerleider, Doernbecher Children's Hospital, Oregon Health Sciences University

8:05 AM

**Home Monitoring**

Nancy Ghanayem, Children's Hospital of Wisconsin

8:20 AM

**Early Bidirectional Glenn Shunt**

Robert D. B. Jaquiss, Children's Hospital of Wisconsin

8:35 AM

**Tricuspid Valve Repair in Patients With Hypoplastic Left Heart Syndrome: Techniques and Results**

Edward L. Bove, University of Michigan

8:50 AM

**RV-to-PA Conduit: Impact on Interstage Survival**

Christian Pizarro, Nemours Cardiac Center, Alfred I. duPont Hospital for Children

9:05 AM

**Transplant for Patients With a Failing Fontan**

Max B. Mitchell, University of Colorado

9:20 AM

**Two-Ventricle Repair for Patients Initially Palliated With a Norwood Procedure**

Peter B. Manning, Cincinnati Children's Hospital Medical Center

9:35 AM

**Discussion**

9:50 AM

**BREAK**

SESSION II: Decision-making for patients with unbalanced ventricles and hypoplastic structures

Moderator: S. Bertrand Litwin, Children's Hospital of Wisconsin

10:05 AM

**Critical aortic stenosis: When is a Norwood Procedure Indicated and How to Manage Late Presentation of HLHS?**

Gary K. Lofland, University of Missouri, Kansas City, Children's Mercy Hospital

10:20 AM

**Interrupted Aortic Arch: Indications and Techniques for Managing the Hypoplastic Left Ventricular Outflow Tract**

Tom R. Karl, University of California, San Francisco

10:35 AM

**Pulmonary Atresia Intact Septum: Selection for Single, One-and-a-Half, and Two-Ventricle Pathways**

Glenn S. Van Arsdell, Hospital for Sick Children

10:50 AM

**Management of Unbalanced Atrioventricular Canal**

Thomas L. Spray, Children's Hospital of Philadelphia

11:05 AM

**Management of Transposition of the Great Arteries and Unbalanced Ventricles**

Francois G. Lacour-Gayet, Denver Children's Hospital

11:20 AM

**Selection of RVOT Conduits**

Joseph M. Forbess, Emory University School of Medicine

11:35 AM

**Discussion**

12:00 NOON	Lunch
	SESSION III: Complex and Innovative Procedures Moderator: J. William Gaynor, The Children's Hospital of Philadelphia
1:00 PM	<b>Aortic Root Autograft and Arterial Switch for Management of D-TGA with LVOTO</b> Pedro J. del Nido, Children's Hospital
1:20 PM	<b>Repair of Tetralogy of Fallot With Absent Pulmonary Valve</b> Viktor Hraska, Children's University Hospital
1:40 PM	Surgical Myectomy for the Treatment of Hypertrophic Obstructive Cardiomyopathy Joseph A. Dearani, Mayo Clinic
2:00 PM	<b>Off-Pump Fontan Procedure</b> Frank L. Hanley, Stanford University
2:20 PM	<b>Double Switch for Congenitally Corrected Transposition of the Great Vessels</b> Roger B. B. Mee, Cleveland Clinic Foundation
2:40 PM	Break
	SESSION IV: Update on Transplantation Moderator: Charles B. Huddleston, St Louis Children's Hospital, Washington University School of Medicine
2:55 PM	<b>Update on Pediatric Lung Transplantation</b> Charles B. Huddleston, St Louis Children's Hospital, Washington University School of Medicine
3:10 PM	<b>ABO Incompatible Heart Transplantation in Infants</b> John G. Coles, The Hospital for Sick Children
3:25 PM	<b>Discussion</b>
	SESSION V: Improving Outcomes Moderator: James S. Tweddell, Children's Hospital of Wisconsin
3:35 PM	<b>Learning from the Bristol Affair</b> James L. Monroe, Southampton General Hospital
3:50 PM	<b>Application of Human Factors Analysis to Congenital Heart Surgery</b> Marc R. de Leval, Great Ormond Street Hospital for Children NHS Trust
4:05 PM	<b>Practical Applications of a Global Congenital Heart Surgery</b> Jeffrey P. Jacobs, Univ. of South Florida, All Children's Hospital
4:20 PM	<b>Patient Safety Initiatives in Cardiac Surgery</b> James Jagers, Duke University Medical Center
4:45 PM	<b>Assessing Late Outcomes</b> Gil Wernovsky, Children's Hospital of Philadelphia
5:00 PM	<b>Discussion</b>
5:15 PM	ADJOURN TO WELCOME RECEPTION Exhibit Halls A&B

**SUNDAY AFTERNOON, APRIL 25, 2004**

- 3:00 PM C. WALTON LILLEHEI RESIDENT FORUM SESSION  
North Building, Room 204, Metro Toronto Convention Centre (7 minutes presentation, 8 minutes discussion)  
Moderators: Robert C. Robbins  
Ross M. Ungerleider
- L1. The Sequential Contraction of the Myocardial Band**  
Manuel Castella,\* Gerald D. Buckberg, Saleh Saleh,\* and Mory Gharib,\* Los Angeles and Pasadena, Calif
- L2. Alterations of Transmural Strains in the Ischemic Border Zone During Acute Mid-Circumflex Occlusion**  
Filiberto Rodriguez,\* Frank Langer,\* Katherine B. Harrington,\* Allen Cheng,\* George T. Daughters,\* John C. Criscione,\* Neil B. Ingels, Jr,\* and D. Craig Miller, Stanford and Palo Alto, Calif, and College Station, Tex
- L3. Combined Endothelial and Myocardial Protection by Endothelin Antagonism Enhances Transplant Allograft Preservation**  
Paul W. Fedak,\* Vivek Rao, Danny Ramzy,\* Subodh Verma,\* Laura Tumati,\* Patty Boylen,\* Santiago Miriuka,\* and Richard D. Weisel, Toronto, Ontario, Canada
- L4. Adenovirus-Mediated Modulation of Phosphatidylinositol 3-Kinase Signaling Reduces Intimal Hyperplasia in Aortocoronary Saphenous Vein Grafts**  
Jonathan A. Hata,\* Jason A. Petrofski,\* Jianhua Huang,\* Jacob N. Schroder,\* Matthew L. Williams,\* Michael T. Corwin,\* Andre M. Jakoi,\* Thomas R. Gehrig,\* Christopher D. Kontos,\* and Carmelo A. Milano,\* Durham, NC
- L5. Surgical Treatment for Congestive Heart Failure Using Autologous Adult Stem Cell Transplantation: A Prospective Randomized Study**  
Amit N. Patel,\* Roberto F. Vina,\* Luis Geffner,\* Robert Kormos, Harold C. Urschel, Jr, and Federico Benetti,\* Pittsburgh, Pa, Rosario, Argentina, and Dallas, Tex
- L6. Targeted Overexpression of Leukemia Inhibitory Factor Preserves Myocardium in Postinfarction Heart Failure**  
Mark F. Berry,\* Timothy J. Pirolli,\* Vasant Jayasankar,\* Kevin J. Morine,\* Mirielle A. Moise,\* Omar Fisher,\* Timothy J. Gardner, Paul H. Patterson,\* and Y. Joseph Woo, Philadelphia, Pa, and Pasadena, Calif
- L7. The Evolution of Ischemic Spinal Cord Injury in Inflammation, Function, and Cytoarchitecture and the Effects of Adenosine A2A Receptor Activation**  
T. B. Reece,\* David O. Okonkwo,\* Peter I. Ellman,\* Patrick S. Warren,\* Irving L. Kron, Curtis G. Tribble, and John A. Kern,\* Charlottesville, Va
- L8. Gene Transfer of Soluble TIE2 Receptor Cures Pulmonary Hypertension in Rodents**  
Masakuni Kido,\* Lingling Du,\* Stuart W. Jamieson, and Patricia A. Thistlethwaite,\* San Diego, Calif
- 5:00 PM WELCOME RECEPTION  
Exhibit Hall

**MONDAY, APRIL 26, 2004**

- 7:45 AM Business Session (Limited to Members Only)



8:00 AM

SCIENTIFIC SESSION (8 minutes presentation, 12 minutes discussion)

North Building, Hall C, Metro Toronto Convention Centre

Moderators: Joel D. Cooper

Irving L. Kron

1. **The Impact of Preoperative and Postoperative Atrial Fibrillation on Outcome After Mitral Valvuloplasty**  
for Nonischemic Mitral Regurgitation  
Ko Bando, Hitoshi Kasegawa,\* Yukikatsu Okada,\* Tomoki Shimokawa,\* Michinori Nasu,\* Mitsuhiro Hirata,\* Akiko Kada,\* Junjiro Kobayashi,\* Toshikatsu Yagihara,\* and Soichiro Kitamura, Osaka, Tokyo, Kobe, and Kanagawa, Japan  
*Discussant: Kevin D. Accola*
2. **Complications of Lung Transplantation**  
Bryan F. Meyers,\* Maite De La Morena,\* Tracey J. Guthrie,\* Eric N. Mendeloff, Stuart C. Sweet,\* Charles B. Huddleston, Elbert P. Trulock,\* Joel D. Cooper, and G. Alexander Patterson, St Louis, Mo  
*Discussant: Shaf Keshavjee*
3. **Increasing Duration of Deep Hypothermic Circulatory Arrest is Associated With an Increased Incidence of Postoperative Electroencephalographic Seizures**  
J. William Gaynor, Susan C. Nicolson,\* Gail P. Jarvik,\* Gil Wernovsky,\* Lisa M. Montenegro,\* Nancy B. Burnham,\* Diane M. Hartman,\* Andy Louie,\* Thomas L. Spray, and Robert R. Clancy,\* Philadelphia, Pa, and Seattle, Wash  
*Discussant: Ross M. Ungerleider*
4. **Incomplete Revascularization During Op CAB Surgery Is Associated With Reduced Midterm Event-Free Survival**  
Massimo Caputo,\* Barnaby Reeves,\* Chanaka Rajakaruna,\* Hazaim Alwair,\* Kirkpatrick Santo,\* and Gianni Angelini, Bristol, United Kingdom  
*Discussant: Paul T. Sergeant*

9:30 AM

Thoracic Surgery Foundation for Research and Education

North Building, Hall C, Metro Toronto Convention Centre

John R. Benfield, President

9:35 AM

INTERMISSION—VISIT EXHIBITS

North Building, Exhibit Hall, Metro Toronto Convention Centre

10:20 AM

SCIENTIFIC SESSION

Moderators: Tirone E. David

Irving L. Kron

5. **Anastomotic Complications After Tracheal Resection: Prognostic Factors and Management**  
Cameron D. Wright, Hermes C. Grillo, John C. Wain, Dean M. Donahue,\* Henning A. Gaissert,\* and Douglas J. Mathisen, Boston, Mass  
*Discussant: Ernio Angelo Rendina*
6. **Results of Surgery in Acute Type A Aortic Dissection: The IRAD (International Registry of Acute Aortic Dissection) Experience**  
Santi Trimarchi,\* Christoph Nienaber,\* Vincenzo Rampoldi,\* Truls Myrnes,\* Jeanna Cooper,\* Dean Smith,\* Lorenzo Menicanti,\* Alessandro Frigiola,\* Michael G. Deeb, Eric M. Isselbacher,\* Kim A. Eagle,\* and S. Donato Milanese, Italy, Rostock, Germany, Tromsø, Norway, Ann Arbor, Mich, Boston, Mass  
*Discussant: Joseph E. Bavaria*

**7. Midterm Clinical Result of Tissue-Engineered Vascular Autografts Seeded with Autologous Bone Marrow Cells**

Toshiharu Shin'oka,\* Hiromi Kurosawa, Goki Matsumura,\* Narutoshi Hibino,\* Yuji Naito,\* Takashi Azuma,\* Akira Murata,\* Manabu Watanabe,\* Takeshi Konuma,\* Masayoshi Natatsu,\* and Takahiko Sakamoto,\* Tokyo, Japan

*Discussant: John E. Mayer, Jr*

11:25 AM

PRESIDENTIAL ADDRESS

**“Thank You for Being a Doctor”**

Joel D. Cooper, St Louis, Mo

*Introduced by: Tirone E. David*

12:15 PM

ADJOURN FOR LUNCH—VISIT EXHIBITS

North Building, Exhibit Hall, Metro Toronto Convention Centre

**MONDAY AFTERNOON, APRIL 26, 2004**

1:45 PM

SIMULTANEOUS SCIENTIFIC SESSION—ADULT CARDIAC SURGERY (8 minutes presentation, 12 minutes discussion)

North Building, Hall C, Metro Toronto Convention Centre

Moderators: David A. Fullerton

R. Scott Mitchell

**8. Early and Midterm Patency of Vein Grafts Performed With Symmetry Connector: A Controlled Angiographic Study**

Jacob Bergsland,\* Runar Lundblad,\* Kjell Arne Rein,\* Per Snorre Lingås,\* Rune Andersen,\* Per Kristian Hol,\* Steinar Halvorsen,\* Bjørn Erik Mrk,\* and Erik Fosse,\* Oslo, Norway

*Discussant: John D. Puskas*

**9. Surgical Treatment of Atrial Fibrillation: Predictors of Late Recurrence**

Sydney L. Gaynor,\* Richard B. Schuessler,\* Marci S. Bailey,\* John P. Boineau,\* Marye J. Gleva,\* Yosuke Ishii,\* and Ralph J. Damiano, Jr, St Louis, Mo

*Discussant: A. Marc Gillinov*

**10. Changes in Microvascular Perfusion Measured With OPS-Imaging Correlate With Neuropsychologic Outcome After CPB**

Behin Dadasch,\* Sandra Eifert,\* Bruno Reichart,\* and Frank Christ,\* Munich, Germany

*Discussant: John W. Hammon, Jr*

2:45 PM

INTERMISSION—VISIT EXHIBITS

North Building, Exhibit Hall A&B, Metro Toronto Convention Centre

3:20 PM

SIMULTANEOUS SCIENTIFIC SESSION—ADULT CARDIAC SURGERY

North Building, Hall C, Metro Toronto Convention Centre

Moderators: David A. Fullerton

R. Scott Mitchell

**11. Results of Aortic Valve Replacement With the Toronto SPV Bioprosthesis at 10 Years**

Tirone E. David, Christopher M. Feindel,\* Joanne Bos, Susan Armstrong,\* and Joan Ivanov,\* Toronto, Ontario, Canada

*Discussant: John G. Byrne*

**12. Does Reporting of Coronary Artery Bypass Grafting Outcomes From Administrative Databases Accurately Assess Actual Clinical Outcomes?**

Michael J. Mack, Morley A. Herbert,\* Syma L. Prince,\* April Simon,\* Todd M. Dewey,\* and Mitchell J. Magee,\* Dallas, Tex, and Zionsville, Ind

*Discussant: T. Bruce Ferguson, Jr*

13. **Valve-Sparing Aortic Root Replacement (Yacoub Remodeling) in Bicuspid Aortic Valves—A Reasonable Option?**  
Diana Aicher,\* Frank Langer,\* Anke Kissinger,\* Henning Lausberg,\* and Hans-Joachim Schräfers,  
Homburg, Germany  
*Discussant: Christopher M. Feindel*
  14. **Does the Risk of Repeat Aortic Valve Replacement Justify the Use of Tissue Prostheses in Younger Patients?**  
D. Dean Potter, Jr,\* Thoralf M. Sundt III, Kenton J. Zehr,\* Joseph A. Dearani, Richard C. Daly,  
Charles J. Mullany, Christopher G. McGregor, Francisco J. Puga, Hartzell V. Schaff, and Thomas A.  
Orszulak, Rochester, Minn  
*Discussant: Robert W. Emery*
  15. **Repair of Functional Tricuspid Valve Insufficiency Using a Partial Prosthetic Ring Annuloplasty or a Partial Suture Annuloplasty: Fifteen-Year Experience of Two Reconstructive Techniques**  
Rainald Seitelberger,\* Jan Bialy,\* Roman Gottardi,\* and Ernst Wolner, Vienna, Austria  
*Discussant: Neal D. Kon*
- 5:00 PM ADJOURN
- 7:00 PM ATTENDEE RECEPTION  
Royal Ontario Museum (separate subscription)

#### MONDAY AFTERNOON, APRIL 26, 2004

- 1:45 PM SIMULTANEOUS SCIENTIFIC SESSION—GENERAL THORACIC SURGERY (8 minutes presentation, 12 minutes discussion)  
North Building, Constitution Hall—Room 105, Metro Toronto Convention Centre  
Moderators: Larry R. Kaiser  
Carolyn E. Reed
16. **The Impact of Chemoradiotherapy on Pulmonary Morbidity After Esophagectomy**  
Ara A. Vaporciyan,\* Hoon Lee,\* James Cox,\* Stephen G. Swisher,\* Ritsuko Komaki,\* W. Roy Smythe,\* Garrett L. Walsh,\* David C. Rice,\* Jack A. Roth, and Joe B. Putnam, Jr, Houston, Tex  
*Discussant: Thomas W. Rice*
  17. **Do Combined PET/CT Scans Reliably Predict Pathologic Staging in Resectable Primary Non-Small Cell Lung Cancer?**  
Stephen C. Yang,\* Kristin M. Yang,\* Malcolm V. Brock,\* David P. Mason,\* Carmen M. Roig,\* Richard L. Wahl,\* Rex C. Yung,\* Julie Brahmer,\* and David S. Ettinger,\* Baltimore, Md  
*Discussant: Bryan F. Meyers*
  18. **Improved Survival After Living-Donor Lobar Lung Transplantation**  
Hiroshi Date,\* Motoi Aoe,\* Yoshifumi Sano,\* Itaru Nagahiro,\* Katsumasa Miyaji,\* Keiji Goto,\* Masaaki Kawada,\* Shunji Sano,\* and Nobuyoshi Shimizu,\* Okayama, Japan  
*Discussant: John C. Wain, Jr*
  19. **Esophageal Adenocarcinoma in African Americans: A Clinicopathological Variant of Esophageal Cancer?**  
Pierre Theodore,\* Craig Hooker,\* Eric Syphard,\* Leonard Sowah,\* Arlene Forastiere,\* Elizabeth Montgomery,\* David Mason,\* Stephen Baylin,\* James Herman,\* Stephen Yang,\* and Malcolm V. Brock,\* Baltimore, Md  
*Discussant: Carolyn E. Reed*

**20. Resectional Surgery Combined With Chemotherapy Remains the Treatment of Choice for Multidrug Resistant Tuberculosis**

Yuji Shiraishi,\* Naoya Katsuragi,\* Makoto Kurai,\* Nobumasa Takahashi,\* and Yutsuki Nakajima,\*  
Tokyo, Japan

*Discussant: Andrew A. Conlan*

3:25 PM

INTERMISSION—VISIT EXHIBITS

North Building, Exhibit Hall, Metro Toronto Convention Centre

4:00 PM

SIMULTANEOUS SCIENTIFIC SESSION—GENERAL THORACIC SURGERY

North Building, Constitution Hall—Room 105, Metro Toronto Convention Centre

Moderators: Larry R. Kaiser

Carolyn E. Reed

**21. Surveillance CT Scans Following Complete Resection for Non-Small Cell Lung Cancer: Analysis of Results and Costs**

Robert J Korst,\* Heather T. Gold,\* Jeffrey L. Port,\* Paul C. Lee,\* and Nasser K. Altorki, New York, NY

*Discussant: Keith S. Naunheim*

**22. Selective Management of Intrathoracic Anastomotic Leak After Esophagectomy**

Juan A. Crestanello,\* Claude Deschamps, Stephen D. Cassivi,\* Francis C. Nichols III,\* Mark S. Allen, and Peter C. Pairolero, Rochester, Minn

*Discussant: Richard F. Heitmiller*

**23. The US Experience With Lung Transplantation for Pulmonary Lymphangioleiomyomatosis**

Jacques Kpodonu,\* Malek G. Massad,\* John C. Lee,\* Rabih Chaer,\* Alexander N. Evans,\* Amitra Caines,\* Michael Fitzgerald,\* Norman Snow, and Alexander Geha, Chicago, Ill

*Discussant: Walter Weder*

5:00 PM

ADJOURN

7:00 PM

ATTENDEE RECEPTION

Royal Ontario Museum (*separate subscription*)

**MONDAY AFTERNOON, APRIL 26, 2004**

1:45 PM

SIMULTANEOUS SCIENTIFIC SESSION—CONGENITAL HEART DISEASE (8 minutes presentation, 12 minutes discussion)

North Building, Constitution Hall—Room 107, Metro Toronto Convention Centre

Moderators: Thomas L. Spray

Ross M. Ungerleider

**24. Outcomes of Mitral Valve Replacement in Children: A Competing Risks Analysis**

Fatima Kojori,\* Rui Chen,\* Christopher A. Caldarone,\* Sandra L. Merklinger,\* Anthony Azakie,\* William G. Williams, Glen S. Van Arsdell,\* John Coles, and Brian W. McCrindle,\* Toronto, Ontario, Canada

*Discussant: Vincent Tam*

**25. Midterm Results of Mitral Valve Repair Using Artificial Chordae in Children**

Kazu Minami\* and Hideaki Kado,\* Fukuoka, Japan

*Discussant: Joseph A. Dearani*

**26. An Approach to Two-Ventricle Repair in Infants With Pulmonary Atresia and Intact Ventricular Septum**

John E. Foker, Jim Berry,\* and Lee A. Pyles,\* Minneapolis, Minn

*Discussant: Frank L. Hanley*

**27. Left Ventricular Performance of Pulmonary Atresia With Intact Ventricular Septum After a Right Heart Bypass Surgery**

Yoshihisa Tanoue,\* Hideaki Kado,\* Taketoshi Maeda,\* Yuichi Shiokawa,\* Naoki Fusazaki,\* and Shiro Ishikawa,\* Fukuoka, Japan

*Discussant: David Bichell*

3:05 PM

INTERMISSION—VISIT EXHIBITS

North Building, Exhibit Hall, Metro Toronto Convention Centre

3:40 PM

SIMULTANEOUS SCIENTIFIC SESSION—CONGENITAL HEART DISEASE

North Building, Constitution Hall—Room 107, Metro Toronto Convention Centre

Moderators: Thomas L. Spray

Ross M. Ungerleider

**28. Surgical Management of Transposition of the Great Arteries With Intact Ventricular Septum in Infants Older Than 21 Days**

Emre Belli,\* Dominique Piot,\* Anita Touchot,\* R  gine Roussin,\* Emir Mokhfi,\* Claude Planch  ,\* and Alain Serraf, Le Plessis-Robinson, France

*Discussant: Marc de Leval*

**29. Biventricular Repair in Atrioventricular Septal Defects With a Small Right Ventricle: Anatomic and Surgical Considerations**

Nilton Carias de Oliveira,\* Rekwan Sittiwangkul,\* Brian W. McCrindle,\* Anne Dipchand,\* John G. Coles, William G. Williams, and Glen S. Van Arsdell,\* Toronto, Ontario, Canada

*Discussant: Giovanni Stellin*

**30. Evolving Techniques in the Repair of Truncus Arteriosus, 1990-2003**

Jonathan M. Chen,\* Julie S. Glickstein,\* Ryan R. Davies,\* Michelle L. Mercado,\* Ralph S. Mosca, and Jan M. Quaegebeur, New York, NY

*Discussant: Constantine Mavroudis*

**31. The Sutureless Technique for Repair of Pulmonary Veins: Extension from Postrepair Pulmonary Vein Stenosis to Primary Repair of Pulmonary Venous Anomalies**

Tae-Jin Yun,\* John G. Coles, Wald M. Rachel,\* Glen S. Van Arsdell,\* William G. Williams, Jeffrey Smallhorn,\* and Christopher A. Caldarone,\* Toronto, Ontario, Canada

*Discussant: Francois Lacour-Gayet*

5:00 PM

ADJOURN

7:00 PM

ATTENDEE RECEPTION

Royal Ontario Museum (*separate subscription*)

**TUESDAY MORNING, APRIL 27, 2004**

7:00 AM

CARDIAC SURGERY FORUM SESSION (5 minutes presentation, 7 minutes discussion)

North Building, Room 206C, Metro Toronto Convention Centre

Moderators: W. Randolph Chitwood

Pedro J. del Nido

**F1. Preliminary Results of Fetal Cardiac Bypass Using Nonhuman Primates**

Akio Ikai,\* R. Kirk Riemer,\* Chandra Ramamoorthy,\* Frank L. Hanley, and V. Mohan Reddy, Stanford, Calif

**F2. Tissue Oxygenation Index is a Useful Monitor of Histologic and Neurologic Outcome After Cardiopulmonary Bypass in Piglets**

Ikuo Hagino,\* Vesa Anttila,\* David Zurakowski,\* Hart G. W. Lidov,\* and Richard A. Jonas, Boston, Mass

- F3. Identification of a Set of Genes That Enable Clustering of Individuals With Bicuspid and Tricuspid Aortic Valves Into Separate Groups**  
Marineh Yagubyan,\* Thoralf M Sundt III, Mark E. Bolander,\* Gobinda Sarkar,\* Alok Srivastava,\* Jay W. Ellison,\* Kenton J. Zehr,\* Joseph A. Dearani, Richard C Daly, Thomas A. Orszulak, Charles J. Mullany, and Hartzell V. Schaff, Rochester, Minn
- F4. Surgical Treatment of Ischemic Mitral Regurgitation Will Not Influence Infarction Induced Ventricular Remodeling**  
Sina L. Moainie,\* Joseph H. Gorman III,\* Yoshiharu Enomoto,\* Benjamin M. Jackson,\* Theodore Plappert,\* Martin G. St John-Sutton,\* and Robert C Gorman, Philadelphia, Pa
- F5. Optimal Temperature for Selective Cerebral Perfusion**  
Justus T. Strauch,\* David Spielvogel,\* Alexander Lauten,\* Ning Zhang,\* Sindy Rinke,\* Donald Weisz,\* Carol A. Bodian,\* and Randall B. Griepp, New York, NY
- F6. Systemic Delivery is Superior to Regional Retrograde Perfusion of an Adenosine Analogue for Attenuating Injury and Inflammation, and for Cytoarchitecture Preservation After Spinal Cord Ischemia-Reperfusion**  
T. B. Reece,\* Curtis G. Tribble, David O. Okonkwo,\* Patrick S. Warren,\* Peter I. Ellman,\* Randall Woodford,\* Joel Linden,\* Irving L. Kron, and John A Kern, Charlottesville, Va
- F7. Early Ischemic Preconditioning Is Superior to Late Ischemic Preconditioning in Spinal Cord Protection After Descending Thoracic Aortic Occlusion**  
Ioannis K. Toumpoulis,\* John C. Papakostas,\* Miltiadis I. Matsagas,\* Vassiliki D. Malamou-Mitsi,\* Lina S. Pappa,\* and Constantine E. Anagnostopoulos. Ioannina, Greece, and New York, NY
- F8. Cardioprotective Stress Response in the Human Fetal Heart**  
John G. Coles, Mark Takahashi,\* Diane Grant,\* Xiaojing Dai,\* Changqing Du,\* Cathy Boscarino,\* and Gregory Hannigan,\* Toronto, Ontario, Canada
- F9. Aprotinin Decreases Ischemic Damage During Coronary Revascularization**  
Harold L. Lazar, Yusheng Bao,\* Leslie Tanzillo,\* Paul O'Gara,\* Deborah Reardon,\* David Price,\* and Richard Crowley,\* Boston, Mass
- F10. Normalization of Coronary Microvascular Reactivity and Improvement in Myocardial Perfusion by Surgical VEGF Therapy Combined With Oral Supplementation of L-Arginine in a Porcine Model of Endothelial Dysfunction**  
Pierre Voisine,\* Cesario Bianchi,\* Tanveer A. Khan,\* Marc Ruel,\* Shu-Hua Xu,\* Jun Feng,\* Jianyi Li,\* Tamer Malik,\* and Frank W. Sellke, Boston, Mass, and Ottawa, Ontario, Canada

## TUESDAY MORNING, APRIL 27, 2004

7:00 AM GENERAL THORACIC FORUM SESSION (5 minutes presentation, 7 minutes discussion)  
North Building, Room 206D, Metro Toronto Convention Centre  
Moderators: Yolanda Colson\*  
Thomas A. D'Amico

- F11. Experimental Generation of a Tissue Engineered Functional and Vascularized Trachea**  
Thorsten Walles, Heike Mertsching, Bettina Giere, and Paolo Macchiarini, Hannover, Germany
- F12. Cisplatin-Mediated Enhancement of Cytotoxicity of Tumor-Selective Adenovirus Expressing GFP-TRAIL (Green Fluorescence Protein/TNF-Related Apoptosis Inducing Ligand) Fusion Protein in Cultured Cancer Cells of the Lung, Esophagus, and Pleura**  
Rishindra M. Reddy,\* Justin B. Maxhimer,\* George W. Cole, Jr,\* Alexander Chua,\* Binglang Fang,\* David S. Schrupp, and Dao M. Nguyen,\* Bethesda, Md, and Houston, Tex
- F13. Proteasome Inhibition Sensitizes Non-Small Cell Lung Cancer to Histone Deacetylase Inhibitor-Induced Apoptosis Through the Generation of Reactive Oxygen Species**  
Chadrick E. Denlinger,\* Brian K. Rundall,\* and David R. Jones,\* Charlottesville, Va

- F14. Profound Induction of Apoptosis of Lung and Esophageal Cancer Cells by the Histone Deacetylase Inhibitor Trichostatin A/Protein Kinase C Inhibitor Calphostin C Combination**  
Justin B. Maxhimer,\* Rishindra M. Reddy,\* George W. Cole, Jr,\* David S. Schrupp, and Dao M. Nguyen,\* Bethesda, Md
- F15. Epidermal Growth Factor Is Important to Malignant Mesothelioma Cell Growth and Survival and Mediates its Effects via the PI3 Kinase Pathway**  
Philip A. Rascoe,\* Xiaobo Cao,\* Jonathan C. Daniel,\* Steven D. Miller,\* and W. Roy Smythe, Houston, Tex
- F16. Suppression of Prometastasis Phenotypes Expression in Malignant Pleural Mesothelioma (MPM) Cells by the Epidermal Growth Factor Receptor (EGFR) Tyrosine Kinase Inhibitor PD 153035**  
George W. Cole, Jr,\* Rishindra M. Reddy,\* Justin B. Maxhimer,\* Annette Alleva,\* David S. Schrupp, and Dao M. Nguyen,\* Bethesda, Md
- F17. Facilitating Cell-Mediated Alloengraftment Is Dependent on an  $\text{Fc}\gamma\text{RII}$  Signaling Pathway**  
Kendra N. Taylor,\* Rahilya Napoli,\* Renee Wright,\* and Yolonda L. Colson,\* Boston, Mass
- F18. Adenosine A2A Receptor Activation Attenuates Lung Reperfusion Injury Independent of Circulating Leukocytes**  
Victor E. Laubach,\* Thomas Maxey,\* Joel L. Linden,\* Allan Doctor,\* Carlos Tache Leon,\* Curtis Tribble, and Irving L. Kron, Charlottesville, Va
- F19. Early Development of Bronchiolitis Obliterans Syndrome (BOS) After Lung Transplantation Is Associated With Bile Acid Aspiration**  
Frank D'Ovidio,\* Marco Mura,\* Melanie Tsang,\* Thomas K Waddell,\* Michael Hutcheon,\* Lianne Singer,\* Andrew Pierre,\* Dennis Hadjiliadis,\* Cecilia Chaparro,\* Carlos Gutierrez,\* Gail Darling,\* Mingyao Liu,\* and Shaf Keshavjee, Toronto, Ontario, Canada
- F20. Safety and Feasibility of Airway Bypass Stent Placement and Influence of Topical Mitomycin on Stent Patency**  
Cliff K. Choong,\* Fabio J. Haddad,\* and Joel D. Cooper, St Louis, Mo

## TUESDAY MORNING, APRIL 27, 2004

- 9:00 AM BASIC SCIENCE LECTURE  
North Building, Hall C, Metro Toronto Convention Centre  
**A Shortage of Oxygen: Lessons from the Summit of Mt Everest**  
John B. West, San Diego, Calif  
*Introduced by: Joel D. Cooper, St Louis, Mo*
- 9:45 AM SCIENTIFIC SESSION (8 minute presentation, 12 minutes discussion)  
North Building, Hall C, Metro Toronto Convention Centre  
Moderators: Joel D. Cooper  
Irving L. Kron
- 32. Single-Stage Repair of Extensive Thoracic Aortic Aneurysms: Experience With the Arch-First Technique and Bilateral Anterior Thoracotomy**  
Nicholas T. Kouchoukos, Michael C. Mauney,\* and Paolo Masetti,\* Catherine F. Castner,\* St Louis, Mo  
*Discussant: R. Scott Mitchell*
- 10:05 AM C. WALTON LILLEHEI RESIDENT FORUM AWARD PRESENTATION  
North Building, Hall C, Metro Toronto Convention Centre

- 10:10 AM INTERMISSION—VISIT EXHIBITS  
Exhibit Hall  
10:55 AM  
SCIENTIFIC SESSION  
Moderators: Joel D. Cooper  
Irving L. Kron
33. **Risk Factors Associated With Mortality and Reinterventions in 474 Neonates With Interruption of the Aortic Arch: A Congenital Heart Surgeons Society Study**  
Brian W. McCrindle,\* Christo I. Tchervakov, Igor E. Konstantinov,\* William G. Williams, Rodolfo A. Neirotti, Marshall L. Jacobs, and Eugene H. Blackstone, Toronto, Ontario, and Montreal, Quebec, Canada; Grand Rapids, Mich; Philadelphia, Pa; and Cleveland, Ohio  
*Discussant: Ralph S. Mosca*
34. **Pretransplant T-Cell Depletion and Tacrolimus Near-Monotherapy in Human Lung Transplantation**  
Kenneth R. McCurry,\* Adrianna Zeevi,\* Diana B. Zaldonis,\* Aldo Iacono,\* and Thomas E. Starzl,\* Pittsburgh, Pa  
*Discussant: Bruce R. Rosengard*
- 11:35 AM ADDRESS BY HONORED SPEAKER  
**Leadership and Surgery: A View From Inside the Ocean**  
Joseph MacInnis, MD  
North Building, Hall C, Metro Toronto convention Centre  
*Introduced by: Joel D. Cooper, St Louis, Mo*
- 12:20 PM ADJOURN FOR LUNCH—VISIT EXHIBITS  
North Building, Exhibit Hall A&B, Metro Toronto Convention Centre  
CARDIOTHORACIC RESIDENTS' LUNCHEON  
North Building, Suite 205, Metro Toronto Convention Centre
- TUESDAY AFTERNOON, APRIL 27, 2004**
- 2:00 PM SIMULTANEOUS SCIENTIFIC SESSION—ADULT CARDIAC SURGERY (8 minutes presentation, 12 minutes discussion)  
North Building, Hall C, Metro Toronto Convention Centre  
Moderators: Bruce W. Lytle  
Axel Haverich
35. **Current Prognosis of Ischemic Mitral Regurgitation Managed by Routine Mitral Valve Repair**  
Donald Glower,\* Robert H. Tuttle,\* Linda K .Shaw,\* Ricardo E. Orozco,\* and J. Scott Rankin, Durham, NC, and Nashville, Tenn  
*Discussant: David H. Adams*
36. **Recurrent Mitral Regurgitation After Annuloplasty for Functional Ischemic Mitral Regurgitation: Annuloplasty Type Makes a Difference**  
Edwin C. McGee, Jr, A. Marc Gillinov, Gideon Cohen, Eugene H. Blackstone, Jeevanantham Rajeswaran, Farzad Najam, Joseph F. Sabik III, Patrick M. McCarthy, Bruce W. Lytle, and Delos M. Cosgrove, Cleveland, Ohio
37. **Does the Left Internal Mammary Artery to the Left Anterior Descending Artery Confer any Benefit in Combined Coronary and Valve Operations?**  
Shishir Karthik,\* Arun K. Srinivasan,\* Antony D. Grayson,\* and Brian M. Fabri,\* Leeds and Liverpool, United Kingdom  
*Discussant: Bruce W. Lytle*
- 3:00 PM INTERMISSION—VISIT EXHIBITS  
North Building, Exhibit Hall, Metro Toronto Convention Centre



3:35 PM

**SIMULTANEOUS SCIENTIFIC SESSION—ADULT CARDIAC SURGERY**

North Building, Hall C, Metro Toronto Convention Centre

Moderators: Bruce W. Lytle

Axel Haverich

- 38. Should the Ascending Aorta be Routinely Replaced in Patients With Bicuspid Aortic Valve Disease?**  
Michael A. Borger,\* Joan Ivanov,\* Paul W. Fedak,\* Piroze Davierwala,\* Susan Armstrong,\* and  
Tirone E. David, Toronto, Ontario, Canada  
*Discussant: Ludwig K. von Segesser*
- 39. Map-Guided Surgery for Atrial Fibrillation**  
Takashi Nitta,\* Hiroya Ohmori,\* Shun-Ichiro Sakamoto,\* Kazuhiro Hinokiyama,\* Yasuo Miyagi,\*  
Shigeto Kanno,\* and Kazuo Shimizu,\* Tokyo, Japan  
*Discussant: James L. Cox*
- 40. Hypertrophic Obstructive Cardiomyopathy: Outcomes by Propensity Score After Myectomy or Alcohol Ablation**  
Anthony Ralph-Edwards,\* Anna Woo,\* Brian W. McCrindle,\* Jonathan L. Shaper,\* Leonard  
Schwartz,\* Harry Rakowski,\* and Douglas Wigle,\* and William G. Williams, Toronto, Ontario,  
Canada  
*Discussant: Marco I. Turina*
- 41. Value of Autopsy Examination for Quality Control After Cardiac Surgery**  
Ardawan J. Rastan,\* Jan F. Gummert,\* Nicole Lachmann,\* Thomas Walther,\* Dierk V. Schmitt,\*  
Volkmar Falk,\* Nicolas Doll,\* Paul Caffier,\* Markus Richter,\* Christian Wittekind,\* and Friedrich  
W. Mohr, Leipzig, Germany  
*Discussant: Edward D. Verrier*

5:00 PM

**EXECUTIVE SESSION (Members Only)**

North Building, Hall C, Metro Toronto Convention Centre

**TUESDAY AFTERNOON, April 27, 2004**

2:00 PM

**SIMULTANEOUS SCIENTIFIC SESSION—GENERAL THORACIC SURGERY (8 minutes presentation, 12 minutes discussion)**

North Building, Constitution Hall—Room 105, Metro Toronto Convention Centre

Moderators: Alec Patterson

David J. Sugarbaker

- 42. High-Dose Radiation in Trimodality Treatment of Pancoast Tumors Improves Pathologic Complete Response Rates and Confers Survival Advantage**  
King F. Kwong,\* Lindsay B. Cooper,\* Martin J. Edelman,\* Ziv Gamliel,\* Mohan Suntharalingam,\*  
Whitney Burrows,\* Petr Hausner,\* L. Austin Doyle,\* and Mark J. Krasna, Baltimore, Md  
*Discussant: Valerie W. Rusch*
- 43. Does Esophagogastric Anastomotic Technique Influence Outcomes in Patients With Esophageal Cancer?**  
Sina Ercan,\* Thomas W. Rice, Sudish C. Murthy, Lisa A. Rybicki,\* and Eugene H. Blackstone,  
Cleveland, Ohio  
*Discussant: Mark B. Orringer*
- 44. Large Cell Neuroendocrine Carcinoma: An Aggressive Form of Non-Small Cell Lung Cancer**  
Richard J. Battaferano,\* Felix Fernandez,\* John Ritter,\* Bryan F. Meyers, Tracey J. Guthrie,\* Joel D.  
Cooper, and G. Alexander Patterson, St Louis, Mo  
*Discussant: William H. Warren*

**45. Value of Positron Emission Tomography Following Induction Therapy of Locally Advanced Bronchogenic Carcinoma**

Thomas Peter Graeter,\* Dirk Hellwig,\* Dieter Ukena,\* and Carl-Martin Kirsch,\* Hans-Joachim Schäfers,\* Homburg/Saar, Germany

*Discussant: Robert J. Cerfolio\**

3:40 PM

INTERMISSION—VISIT EXHIBITS

North Building, Exhibit Hall, Metro Toronto Convention Centre

4:15 PM

SIMULTANEOUS SCIENTIFIC SESSION—GENERAL THORACIC SURGERY

North Building, Constitution Hall—Room 105, Metro Toronto Convention Centre

Moderators: Alec Patterson

David J. Sugarbaker

**46. Surgical Resection of Limited Disease Small-Cell Lung Cancer in the New Era of Platinum Chemotherapy: Its Time Has Come**

Malcolm V. Brock,\* Craig Hooker,\* James Syphard,\* William Westra,\* Li Xu,\* Anthony Alberg,\* David Mason,\* Stephen Baylin,\* James Herman,\* David Ettinger,\* and Stephen Yang,\* Baltimore, Md

*Discussant: Frances Shepard*

**47. Sublobar Resection With <sup>125</sup>Iodine Intraoperative Brachytherapy for Peripheral Small Stage IA Non-Small Cell Lung Cancers (NSCLC)**

Hiran C. Fernando, Ricardo S. Santos, John R. Benfield, Frederic W. Grannis, Jr, Robert J. Keenan, James D. Luketich, and Rodney J. Landreneau, Los Angeles and Duarte, Calif, and Pittsburgh, Pa

**48. Pain and Return of Physical Function Are no Different Following Axillary Muscle-Sparing Versus Modified Posterolateral Thoracotomy**

E. Andrew Ochroch,\* Allan Gottschalk, John G. Augustides,\* Larry R. Kaiser, and Joseph B. Shrager, Philadelphia, Pa, and Baltimore, Md

*Discussant: Steven J. Mentzer*

5:00 PM

EXECUTIVE SESSION (Members Only)

North Building, Hall C, Metro Toronto Convention Centre

**TUESDAY AFTERNOON, APRIL 27, 2004**

2:00 PM

SIMULTANEOUS SCIENTIFIC SESSION—CONGENITAL HEART DISEASE (8 minutes presentation, 12 minutes discussion)

North Building, Constitution Hall—Room 107, Metro Toronto Convention Centre

Moderators: Scott M. Bradley

Richard A. Jonas

**49. Does Duration of Donor Brain Injury Affect Outcome After Orthotopic Pediatric Heart Transplantation?**

Jonah Odum,\* Hillel Laks, Chris Vincent,\* Charles Murphy,\* Caron Burch,\* Kausik Mukherjee,\* Anamika Banerji,\* and David Gjertson,\* Los Angeles, Calif

*Discussant: Leonard L. Bailey*

**50. Repair of Congenital Heart Lesions Combined with Lung Transplantation for the Treatment of Severe Pulmonary Hypertension: A Thirteen-Year Experience**

Cliff K. Choong,\* Eric N. Mendeloff, Stuart C. Sweet,\* Tracey J. Guthrie,\* Fabio J. Haddad,\* Pam Schuler,\* Maite De La Morena,\* and Charles B. Huddleston, St Louis, Mo

*Discussant: Vaughn A. Starnes*

**51. Long Segment Congenital Tracheal Stenosis: Slide Tracheoplasty and a Multidisciplinary Approach Improve Outcomes and Reduce Costs**

Ergin Kocyildirim,\* Catherine Dunne,\* Ben Hartley,\* Clare McLaren,\* Quen Mok,\* Clair Noctor,\* Nick Pigott,\* Derek Roebuck,\* Savjeet Uppal,\* Colin Wallis,\* and Martin Elliott, London, United Kingdom

*Discussant: Hermes C. Grillo*

**52. Trends in Vascular Ring Surgery**

Carl L. Backer, Lauren D. Holinger,\* and Constantine Mavroudis, Chicago, Ill

*Discussant: Mark W. Turrentine*

3:20 PM

INTERMISSION—VISIT EXHIBITS

North Building, Exhibit Hall, Metro Toronto Convention Centre

3:55 PM

SIMULTANEOUS SCIENTIFIC SESSION—CONGENITAL HEART DISEASE

North Room 107, Metro Toronto Convention Centre

Moderators: Scott M. Bradley

Richard A. Jonas

**53. Preoperative Cerebral Blood Flow Is Diminished in Neonates With Severe Congenital Heart Defects**

Daniel J. Licht,\* Jiongiong Wang,\* David W. Silvestre,\* Susan C. Nicolson,\* Lisa M. Montenegro,\* Sarah Tabbutt,\* Suzanne M. Durning,\* Mayadah Shabbout,\* David M. Shera,\* J. William Gaynor, Thomas L. Spray, Robert R. Clancy,\* Robert A. Zimmerman,\* and John A. Detre,\* Philadelphia, Pa

*Discussant: Erle H. Austin, III*

**54. Replacement of Stage I Norwood by Ductal Stenting and Bilateral Pulmonary Artery Banding**

Paul R. Vogt,\* Hakan Ismail Akinturk,\* Ina Michel-Behnke,\* Klaus Valeske,\* Matthias Muller,\* Josef Thul,\* and Dietmar Schranz,\* Giessen, Germany

*Discussant: Thomas L. Spray*

**55. The Contegra Conduit in the Right Ventricular Outflow Tract Induces Supravalvular Stenosis**

Leen Van Garsse,\* Bart Meyns,\* Benedicte Eyskens,\* Luc Mertens,\* Derize Boshoff,\* Marc Gewillig,\* and Willem Daenen,\* Leuven, Belgium

*Discussant: John W. Brown*

5:00 PM

EXECUTIVE SESSION (Members Only)

North Building, Hall C, Metro Toronto Convention Centre

**WEDNESDAY MORNING, APRIL 28, 2004**

7:00 AM

EMERGING TECHNOLOGIES AND TECHNIQUES FORUM (7 Minutes Presentation, 8 Minutes Discussion)

North Building, Hall C, Metro Toronto Convention Centre

Moderators: D. Craig Miller

Craig R. Smith

**T1. Antegrade Off-Pump Versus Retrograde On-Pump Delivery Valved Stents for Surgical Sutureless Aortic Valve Replacement on the Search for the Right Direction**

Christoph H. Huber,\* Bettina Marty,\* Pierrgiorgio Tozzi,\* Antonio F. Corno,\* Enrico Ferrari,\* L. K. Von Segesser, Lausanne, Switzerland

*Discussant: W. Randolph Chitwood*

**T2. Epidural Anesthesia Results in More Efficient Use of Hospital Resources in Minimally Invasive Direct Coronary Artery Bypass Surgery**

Haldun Y. Karagoz,\* Murat Kurtoglu,\* Beril Sonmez,\* Beyhan Bakkaloglu,\* Taner Cetintas,\* Sanser Ates,\* Ayhan Yigit,\* and Kemal Bayazit,\* Ankara, Turkey

*Discussant: Lishan Aklog*

- T3. The Completely Robotic Oncologic Minimally Invasive Esophagectomy**  
Kemp H. Kernstine,\* Daniel T. Dearmond,\* Mohsen Karimi,\* Dany M. Shamoun,\* and Jeffrey E Everett,\* Iowa City, Iowa  
*Discussant: Scott J. Swanson*
- T4. The Incidence of Emboli During Cardiac Surgery: A Histopathologic Analysis of 2297 Patients**  
Keith A. Horvath and Gerald Berry,\* for the ICEM Investigators,\* Chicago, Ill, and Stanford, Calif  
*Discussant: Curtis G. Tribble*
- T5. The Hybrid Surgical-Transcatheter Approach for the Treatment of Congenital Heart Disease: An Emerging Strategy**  
Mark Galantowicz,\* John P. Cheatham,\* Samuel Weinstein,\* Terrance J. Davis, Craig Fleishman,\* Sharon Hill,\* and Vyas M. Kartha,\* Columbus, Ohio  
*Discussant: Emile Bacha*
- T6. Three-Dimensional Echo-Guided Beating-Heart Surgery Without Cardiopulmonary Bypass: Feasibility Study**  
Yoshihiro Suematsu,\* Gerald R. Marx,\* Jeffrey A. Stoll,\* Pierre E. Dupont,\* Robert D. Howe,\* John K. Friedman,\* Tomislav Mihaljevic,\* Bassem N. Mora,\* Bernie J. Savord,\* Ivan S. Salgo,\* and Pedro J. del Nido, Boston, Cambridge, and Andover, Mass  
*Discussant: Patrick M. McCarthy*
- T7. Surgical Ventricular Restoration Improves Mechanical Dyssynchrony in Postinfarction Ischemic Cardiomyopathy**  
Marisa Di Donato,\* Michel Sabatier,\* Vincent Dor, Anna Toso,\* and Lorenzo Menicanti,\* Firenze, Italy; Monaco Cedex, Monaco; and San Donato Milanese, Italy  
*Discussant: Edward D. Verrier*
- T8. A New Mechanical Connector for Distal Coronary Artery Anastomosis in CABG: A Randomized Controlled Study**  
Lars Wiklund,\* Luis Bonilla,\* and Eva Berglin,\* Gothenburg, Sweden, and St Paul, Minn  
*Discussant: Randall K. Wolf*

### WEDNESDAY MORNING, APRIL 28, 2004

- 7:00-9:00 AM GLOBAL THORACIC SURGERY SESSION  
North Building, Suite 205, Metro Toronto Convention Centre  
Co-Chairmen: James L. Cox  
Marko I. Turina, University Hospital
- 7:00 AM Evolution of Global Strategies in Humanitarian Cardiothoracic Surgery  
A. Thomas Pezzella, The World Heart Foundation
- 7:10 AM Pediatric Cardiology and Cardiovascular Surgery in Iraq  
Ra-id Abdulla, University of Chicago
- 7:20 AM Plans for a New Pediatric Cardiac Program in Iraq  
Richard A. Jonas, Boston Children's Hospital
- 7:30 AM Cardiac surgery in an underdeveloped country—the beginning and the way forward  
Ahmed Sayed Ahmed Elsayed, Sudan Heart Center
- 7:40 AM Various modes of medical cooperation in developing areas: A personal experience  
Jean E. Bachet, Institut Mutualiste Montsouris

- 7:50 AM      **Panel Discussion**  
Moderators: James L. Cox  
Marko I. Turina
- CONTROVERSIES IN CARDIOTHORACIC SURGERY—PLENARY SESSION  
North Building, Hall C, Metro Toronto Convention Centre
- 9:15 AM      **Topic: The Legal Profession is the Guardian of Medical Standards**  
Moderator: Joseph J. Bongiovi  
Pro: John S. Romano  
Con: Michael E. Royce
- CONTROVERSIES IN CARDIOTHORACIC SURGERY—ACQUIRED CARDIAC  
CONTROVERSIES  
North Building, Hall C, Metro Toronto Convention Centre
- 10:30 AM      **Topic: Atrial Fibrillation Surgery Should Be Performed on Patients Undergoing Mitral Valve Replacement**  
Moderator: W. Randolph Chitwood  
Pro: Delos M. Cosgrove  
Con: Tirone E. David
- 11:15 AM      **Topic: The Ross Operation Is the Procedure of Choice for a 40-Year-Old Patient With Aortic Valve Disease**  
Moderator: Andrew S. Wechsler  
Pro: Vaughn A. Starnes  
Con: Lawrence H. Cohn
- 12:00 NOON      ADJOURN

**WEDNESDAY MORNING, APRIL 28, 2004**

- CONTROVERSIES IN CARDIOTHORACIC SURGERY—GENERAL THORACIC  
CONTROVERSIES  
North Building, Constitution Hall—Room 105, Metro Toronto Convention Centre
- 10:30 AM      **Topic: Minimally Invasive Esophagectomy Is a Major Advance in the Care of the Patient With Esophageal Cancer**  
Moderator: Richard F. Heitmiller  
Pro: Mark J. Krasna  
Con: Nasser Altorki
- 11:15 AM      **Topic: Postoperative Adjuvant Therapy Should Be Offered to All Patients With Resected Lung Cancer**  
Moderator: Larry R. Kaiser  
Pro: David Johnson  
Con: Harvey I. Pass
- 12:00 NOON      ADJOURN

**WEDNESDAY MORNING, APRIL 28, 2004**

CONTROVERSIES IN CARDIOTHORACIC SURGERY—CONGENITAL HEART  
CONTROVERSIES  
North Building, Constitution Hall—Room 107, Metro Toronto Convention Centre

- 10:30 AM      **Topic: Catheter-Delivered Devices Are Preferred Over Surgery for Management of Secundum ASD**  
 Moderator: Constantine Mavroudis  
 Pro: Andrew Redington  
 Con: Richard A. Jonas
- 11:15 AM      **Topic: The Symptomatic Infant Less Than 6 Months of Age With Tetralogy Should Be Managed With a Shunt**  
 Moderator: William G. Williams  
 Pro: Charles D. Fraser  
 Con: Ross M. Ungerleider
- 12:00 NOON      ADJOURN

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## The American Association for Thoracic Surgery Graham Traveling Fellowship, 2005-2006

### STIPEND \$75,000

The American Association for Thoracic Surgery Evarts A. Graham Memorial Traveling Fellowship was established in 1951 by The American Association for Thoracic Surgery. Administered through the Graham Educational Research Foundation Fellowship grants support study by young cardiothoracic surgeons from outside North America at sites of their choice within North America and include travel between sites. Goals of the program are to broaden overall training and increase international contacts. Each Fellow should plan to have one primary center for his/her activities where he/she should spend from six to nine months. The Fellow should have identified an individual at that center who will act as his/her sponsor and assist in planning the course of study at the host institution and at other institutions. In addition to the primary center, the Fellow is encouraged to plan to spend shorter periods of time at other secondary centers to enhance the Fellowship experience.

Awards are made to surgeons of unique promise who have been regarded as having the potential for later international thoracic surgical leadership. Since the inception of the Graham Fellowship, 51 young surgeons from 28 countries have completed the Fellowship.

The Fellowship provides a stipend of \$75,000. The Fellowship also provides two round-trip coach air fares from the recipient's country to his/her primary center. The dates of the beginning of the Fellowship year should be scheduled to coincide with the Annual Meeting of The American Association for Thoracic Surgery in San Francisco in April 2005. The Fellow will be introduced to the AATS membership at this meeting.

The Fellow should become involved predominantly with observation, consultation, teaching, and research at a variety of thoracic surgical training centers during the twelve months. Patient contact will be determined by the sponsoring surgeon and will conform to the regulations and licensing requirements of the state, province, or country in which he/she is studying. A candidate should have completed his/her formal training in general surgery and in thoracic and cardiovascular surgery, but he/she should not have reached a senior position. Candidates must be sufficiently proficient in English to realize the full benefits of the Fellowship. Candidates should not have received significant training in North America prior to making application for this award.

Applications for the Fellowship are available from:

Irving L. Kron, MD, President  
 Graham Education and Research Foundation  
 900 Cummings Center  
 Suite 221-U  
 Beverly, MA 01915  
 USA  
 Telephone 978-927-8330; fax 978-524-0461

For additional information and to download an application, please visit the AATS Web site at: [www.aats.org/academic/fellowships](http://www.aats.org/academic/fellowships).

Completed applications must be returned no later than **July 1, 2004**. The selected candidate will be notified by **December 15, 2004**.